

B1 B2 B3 B4  
(B) (1) transfecting eukaryotic host cells endogenously expressing Par-4 and a presenilin (PS) protein with nucleic acid encoding an NF- $\kappa$ B dependent reporter construct, (2) exposing the transfected cells to a candidate molecule, and (3) monitoring the ability of said candidate molecule to induce NF- $\kappa$ B activation.

2. (Amended) The method of claim 1 wherein said eukaryotic host cells of part (A) are mammalian cells endogenously expressing PS.

3. (Amended) The method of claim 1 wherein said eukaryotic host cells of part (A) are mammalian cells transfected with nucleic acid encoding PS.

4. (Amended) The method of claim 1 wherein said PS is PS1.

6. (Amended) The method of claim 1 wherein said PS is FAD PS.

9. (Amended) The method of claim 1 wherein said eukaryotic host cells of part (A) are neuronal cells.

17. (Amended) The method of claim 1 wherein the transfected or cotransfected cells are exposed to a plurality of candidate molecules.

Please cancel claims 18-52.

Please add the following new claim:

B5 17 53. (New) The method of claim 1 wherein said eukaryotic host cells of part (B) are HeLa cells.

#### Remarks

Claims 1-52 are pending in the present application. Claims 1-4, 6, 9 and 17 have been amended and claims 18-52 have been cancelled. Claim 53 has been added. The specific changes are shown on a separate page attached hereto and entitled VERSION WITH MARKINGS TO SHOW CHANGES MADE. The amendments and new claim are fully supported by the specification and claims as originally filed. Applicants reserve the right to pursue the subject matter of any cancelled claims in one or more divisional applications.

The Examiner identified fifteen distinct inventions within the claims and required restriction to one invention for examination purposes. Applicants hereby elect the invention of group I and thus have cancelled claims 18-52. However, Applicants believe that it is appropriate to examine the inventions of group I and group III together. Thus, claim 1 has been amended to include the subject matter of claim 20. The only difference between the original claim 1 and